MINERALS, ETC.—Specimens have been received from the following correspondents, and examined, with the results stated:

D. A. R.—Chiefly an amethystine-quartz sand, of littl value.—J. G. N.—It consists chiefly of feldspar an biotite, a variety of mica. Not valuable.

#### COMMUNICATIONS RECEIVED.

On Optical Delusion. By S. E. C., C. W. B. On the Optical Delusion. By J. P. McD. On Traveling Rocks. By N. P. S.

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Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r). Fence wire, machine for barbing. G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.arcu Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance. Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r) Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer Glass pipe maker, J. B. Ford Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, T. Munthe Grain drill, B. Regan (r) Grain drill, B. Regan (r) Gun wäd, Budd & Ogden Gun wiper, J. P. Simons	217,672 217,802 217,702 217,802 217,707 217,802 217,707 217,802 217,707 217,802 217,707 217,802 217,707 217,802 217,707 217,706 217,707 217,706 217,707 217,708 217,707 217,708 217,818 217,818 217,818 217,818 217,818 217,818
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r). Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mclarcu Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine, G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r). Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer. Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden. Gun wiper, J. P. Simons.	217,67 217,73 217,82 217,70 217,82 217,70 217,70 217,83 217,80 217,80 217,80 217,80 217,80 217,80 217,70 21
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r) Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.accu Fifth wheel, vehicle, J. Spreyer, Sr Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r) Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer Glass pipe maker, J. B. Ford Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden Gun wiper, J. P. Simons Hat sizing or fulling machine, R. Eickemeyer. Ilat sweat leather, G. H. Dimond.	217,67 217,73 217,82 217,73 217,70 217,75 217,70 217,70 217,80 217,67 217,67 217,67 217,70 21
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers byeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r). Fence wire, machine for barbing. G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.arcu Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r) Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden Gun wiper, J. P. Simons. Hat sizing or fulling machine, E. Eickemeyer. Hat sweat leather, G. H. Dimond Hatchway door operating device, G. K. Bancroft.	217,67 217,73 217,82 217,70 217,82 217,70 217,70 217,83 217,70 217,80 217,60 217,70 21
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer Farm gate, W. R. Kramer Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r) Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mclarcu Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight. W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r) Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer Glass pipe maker, J. B. Ford Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden Gun wiper, J. P. Simons Hat sizing or fulling machine, R. Eickemeyer Hines and roller, gate, J. B. Bolinger.	217,67 217,73 217,82 217,73 217,70 217,75 217,70 217,70 217,80 21
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer Farm gate, W. R. Kramer Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r) Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mclarcu Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight. W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r) Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer Glass pipe maker, J. B. Ford Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden Gun wiper, J. P. Simons Hat sizing or fulling machine, R. Eickemeyer Hines and roller, gate, J. B. Bolinger.	217,67 217,73 217,82 217,73 217,70 217,75 217,70 217,70 217,80 21
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r). Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.arch Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r). Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer. Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wiper, J. P. Simons Hat sizing or fulling machine, R. Eickemeyer. Hints weat leather, G. H. Dimond. Hatchway door operating device, G. K. Bancroft. Hides, machine fortreating raw, A. C. Krueger. Hinge and roller, gate, J. B. Bolinger. Horseshoe toe weight, A. Pischer	217,676 217,782 217,780 217,820 217,707 217,830 217,767 217,767 217,767 217,767 217,776 217,777 217,776 217,767 217,768 217,768 217,768 217,768 217,768 217,768 217,768
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r).  Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.accu Fifth wheel, vehicle, J. Spreyer, Sr Firearm sight. W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r). Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden Gun wiper, J. P. Simons Hat sizing or fulling machine, R. Eickemeyer Hat sweat leather, G. H. Dimond. Hatchway door operating device, G. K. Bancroft. Hides, machine fortreating raw, A. C. Krueger. Hinge and roller, gate, J. B. Bolinger Hog cholera compound, C. Brown Horseshoe toe weight, A. Pischer	217,67 217,73 217,82 217,73 217,73 217,73 217,73 217,73 217,73 217,67 217,67 217,73 21
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers byeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Rich- mond (r). Fence wire, machine for barbing. G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.arcu Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r) Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer Glass pipe maker, J. B. Ford Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r) Gun wad, Budd & Ogden Gun wiper, J. P. Simons Hat sizing or fulling machine, E. Eickemeyer Hat sweat leather, G. H. Dimond Hatchway door operating device, G. K. Bancroft. Hides, machine for treating raw, A. C. Krueger. Hinge and roller, gate, J. B. Bolinger. Hot air furnace, W. F. Beecher Hot air furnace, W. F. Beecher	217,675 217,782 217,782 217,782 217,782 217,782 217,782 217,782 217,782 217,782 217,782 217,782 217,782 217,782 217,783 217,784 217,784 217,785 217,787 217,788
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r). Fence wire, machine for barbing. G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.arch. Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r). Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer. Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden. Gun viper, J. P. Simons Hat sizing or fulling machine, R. Eickemeyer. Hat sweat leather, G. H. Dimond. Hatchway door operating device, G. K. Bancroft. Hides, machine fortreating raw, A. C. Krueger. Hinge and roller, gate, J. B. Bolinger. Hot air furnace, W. F. Beecher. Hot air furnace, W. F. Beecher. Hot air furnace, W. F. Beecher.	217,670 217,782 217,780 217,820 217,707 217,830 217,767 217,767 217,767 217,777 217,777 217,778 217,777 217,778 217,778 217,778 217,778 217,778 217,778 217,778 217,778 217,778 217,778 217,788 8,818 217,782
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Rich- mond (r) Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.accu Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine, G. Adreance Forge, emery wheel, and drill, P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r) Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer. Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, Lusking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden. Gun wiper, J. P. Simons. Hat sizing or fulling machine, R. Eickemeyer. Hat sweat leather, G. H. Dimond. Hatchway door operating device, G. K. Bancroft. Hides, machine for treating raw, A. C. Krueger. Hinge and roller, gate, J. B. Bolinger Hog cholera compound, C. Brown Horseshoe toe weight, A. Fischer Hot air furnace, W. F. Beecher Hot air furnace, T. F. Hemmich Hohler, H. R. Hurd King bolt, elip, G. E. Kerlicks.	217,672 217,732 217,832 217,732
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Rich- mond (r) Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.accu Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine, G. Adreance Forge, emery wheel, and drill, P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r) Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer. Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, Lusking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden. Gun wiper, J. P. Simons. Hat sizing or fulling machine, R. Eickemeyer. Hat sweat leather, G. H. Dimond. Hatchway door operating device, G. K. Bancroft. Hides, machine for treating raw, A. C. Krueger. Hinge and roller, gate, J. B. Bolinger Hog cholera compound, C. Brown Horseshoe toe weight, A. Fischer Hot air furnace, W. F. Beecher Hot air furnace, T. F. Hemmich Hohler, H. R. Hurd King bolt, elip, G. E. Kerlicks.	217,672 217,732 217,832 217,732
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Richmond (r) Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.accu Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine, G. Adreance Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r) Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer. Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, Lusking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden. Gun wiper, J. P. Simons. Hat sizing or fulling machine, R. Eickemeyer. Hat sweat leather, G. H. Dimond. Hatchway door operating device, G. K. Bancroft. Hides, machine for treating raw, A. C. Krueger. Hinge and roller, gate, J. B. Bolinger Hog cholera compound, C. Brown Horseshoe toe weight, A. Fischer Hot air furnace, W. F. Beecher Hot air furnace, T. F. Hemmich Inhaler, H. R. Hurd King bolt. clip, G. E. Kerlicks. Kitchen cabinet, J. R. Kivett Lamp, electric. J. C. Porter Lamp extinguisher. C. D. Pedlar	217,672 217,732 217,822 217,732
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers Eyeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Rich- mond (r). Fence wire, machine for barbing, G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.accu. Firth wheel, vehicle, J. Spreyer, Sr Firearm sight. W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance. Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r). Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, T. Munthe Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden. Gun wiper, J. P. Simons. Hat sizing or fulling machine, R. Eickemeyer. Hat sweat leather, G. H. Dimond. Hatchway door operating device, G. K. Bancroft. Hides, machine fortreating raw, A. C. Krueger. Hinge and roller, gate, J. B. Bolinger. Gog cholera compound, C. Brown Horseshoe toe weight, A. Fischer Hot air furnace, W. F. Beecher Hot air furnace, T. F. Hemmich Inhaler, H. R. Hurd King bolt, clip, G. E. Kerlicks. Kitchen cabinet, J. R. Kivett Lamp, electric. J. C. Porter Lamp, electric. J. C. Porter Lamp, miner's, J. H. Gable.	217,67 217,73 217,82 217,73 217,70 217,82 217,70 217,83 217,70 217,83 217,70 21
Electric machine, dynamo. C. F. Brush. Electro-magnetic motor, J. Doyle Electro-magnetic motor, J. C. Ludwig Elevator, H. Snowden Envelope, L. H. Rogers byeglasses, G. C. Daboll Eyeglasses, nose clamp for, N. Watry Fanning mill, T. Willson Farm gate, W. R. Kramer. Feathers, method and machine for shaving or splitting and withing the shafts of, G. M. Rich- mond (r). Fence wire, machine for barbing. G. C. Baker Fertilizers, apparatus for treating animal matters for, J. Mcl.arcu.  Fifth wheel, vehicle, J. Spreyer, Sr. Firearm sight, W. H. Broden Firearm sight, W. H. Broden Firearm sight, O. D. Warfield Fluting machine. G. Adreance. Forge, emery wheel, and drill. P. B. Hillyer. Gas, apparatus for enriching illuminating, J. & J. Kidd  Gas regulator, Eichler & Hartig Gas retort, T. F. Rowland (r). Gate, G. W. Addis Gate, J. Clore Glass, engraving and dressing, R. A. Sawyer. Glass pipe maker, J. B. Ford. Globe, terrestrial, H. Allen. Glove, husking, H. W. Price. Grain binders, knot tier for, G. B. Morton. Grain drill, B. Regan (r). Gun wad, Budd & Ogden. Gun wiper, J. P. Simons. Hat sizing or fulling machine, R. Eickemeyer. Hat sweat leather, G. H. Dimond. Hatchway door operating device, G. K. Bancroft. Hides, machine for treating raw, A. C. Krueger. Hinge and roller, gate, J. B. Bolinger. Hot air furnace, W. F. Beecher. Hot ai	217,670 217,822 217,700 217,822 217,700 217,822 217,700 8,821 217,700 217,822 217,700 217,822 217,701 217,702 217,702 217,703 217,703 217,704 217,705 217,707 217,706 8,816 217,707 217,706 217,707 217,707 217,707 217,707 217,707 217,707 217,707 217,707 217,707 217,707 217,707 217,707 217,709
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